CLAIMS

1. In a filter catalyst comprising: a catalyst-support substrate composed of a heat-resistant porous structure having chained pores; and a catalytic layer for burning particulates and formed on a surface of said catalyst-support substrate;

said filter catalyst being characterized in that it has pores of 1-20 μm in a porosity of 11% or more.

2. The filter catalyst set forth in claim 1, wherein said catalytic layer has a loading layer formed by preparing a slurry of a heat-resistant oxide powder, coating said slurry onto said catalyst-support substrate, and drying and calcining said slurry; and the heat-resistant oxide powder whose particle diameters are 1 μm or less is contained by 70% by weight or more when the entire amount of the powder dispersed in said slurry is taken as 100% by weight.

3. The filter catalyst set forth in claim 1, wherein said heat-resistant oxide powder dispersed in said slurry is such that a 70% particle-diameter value (D70) of a particle-diameter cumulative distribution is 1 μm or less.